

Thursday, February 25, 2010. 1pm-5pm – State Beach Coordinators meeting

- 1:00-1:10 Greetings, Introductions
- 1:10-1:30 Mississippi Beach Program presentation – Emily Cotton, MS DEQ
- 1:30-1:50 Alabama Beach Program presentation -
- 1:50-2:10 Florida Beach Program presentation – Dave Polk, FL DOH
- 2:10-2:20 *Break*
- 2:20-2:40 Georgia Beach Program presentation – Elizabeth Cheney, GA DNR
- 2:40-3:00 South Carolina Beach Program presentation – Shannon Berry, SC DHEC
- 3:00-3:20 North Carolina Beach Program presentation – J.D. Potts, NC DNR
- 3:20-3:30 *Break*
- 3:30-3:50 EPA National presentation – Lars Wilcutt, EPA *tentative*
- 3:50-4:10 EPA Region 4 presentation – Joel Hansel, EPA Region 4
- 4:10-4:40 Roundtable discussion – Program Concerns for SE Region Beaches
- 4:40-5:00 *Break*
- 5:00-6:00 Optional Field Trip to Jekyll St. Andrews beach
- 6:30-? Optional dinner get-together

Friday, February 26, 2010. 9am-3pm – General Meeting with Speakers on Topics of Interest

- 9am-9:30 **Susan Salter**, GA DNR EPD
Use of Beach Monitoring Data for 305b/303d Listing
The Clean Water Act (section 305b) requires states to report water quality conditions to EPA. How is beach data used in the 305b report to EPA, what is the listing assessment methodology that EPD uses to support Clean Water Act (section 303d) listing decisions, and the EPA Assessment Database (ADB). Description of EPD's TMDL (Total Maximum Daily Load) process.
- 9:30- 10am **Joel Hansel**, EPA Region 4
Shellfish Waters and Beach Waters – What's the difference?
Discusses EPA Water Use Classifications. Discusses the differences in EPA and FDA water quality standards.
- 10am – 10:30 **Reagan Converse**, Associate Professor, University of North Carolina at Chapel Hill
Rapid Methods for Water Quality Management: Assessing the Relationships Between QPCR-based Methods and Existing Methods
This talk will focus on the equivalency of QPCR and culture measurements of beach water quality over two summers in southern California. I'll also discuss the source tracking ability of a fecal *Bacterioides* spp. Assay we've been working on as compared to culture-based assays for *Enterococcus* and *E. coli*.
- 10:30 – 10:45 *Break*
- 10:45 – 11:15 **Jack Blanton**, Professor Emeritus, Skidaway Institute of Oceanography
Estuaries Surrounded by Marshes: So What's The Problem?
Tidal action forces large water volumes out of the tidal channels of estuaries and into the surrounding marshes. Frictional drag in the marshes retains water there longer than simple models would predict.
- 11:15 – 11:45 **Joan Sheldon**, Dept. of Marine Sciences, University of Georgia
Beach Water Quality Data May Require Non-parametric Analysis
Enterococcus abundance data and some potentially related variables, such as rainfall, have highly skewed distributions with many low values and few high values. The parametric statistical tests that are commonly available in popular software packages cannot be used to examine such data; instead, non-parametric tests must be used and the results must be interpreted carefully.
- 11:45 – 12:15 **Dave Payne**, SC DHEC

Sanitary Surveys for Beaches – Implementation and Results – Year 1

In this session, you will hear how the State of South Carolina included a sanitary survey into their beach monitoring program. Results of the surveys will be presented along with plans for the future.

12:15 – 1:15 Lunch on your own

1:15 – 1:45 **Tim Wade**, USEPA – *tentative, may send colleague*
Epidemiological Study Conducted at Surfside Beach, SC
EPA conducted an epidemiological study in the summer of 2009. The locational criteria for this study was a beach affected by stormwater runoff. The qPCR

1:45 – 2:15 **Andy Reich** – *tentative, depending on funding*
Harmful Algal Blooms at Beaches

2:15 - 2:45 **Thom Berry**, SC DHEC, and **Chris Rustin**, GA DCH
Panel Discussion on Notifications, Risk Communication, Talking with the Media and the General Public

2:45 – 3:00 Wrapup